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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	03988/100K297-US1
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Complete if Known

Application Number	10/660,253
Filing Date	September 11, 2003
First Named Inventor	Mark A. Behlke
Art Unit	N/A
Examiner Name	Not Yet Assigned

4/21/04

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear Sub class	
		Number-Kind Code ² (if known)				
✓	1.	US-5,491,133		Walder et al.	514	44
✓	2.	US-5,510,270		Fodor et al.	436	518
✓	3.	US-5,962,425		Walder et al.	514	44
✓	4.	US-6,197,944		Walder et al.	536	22.1

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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4/21/04

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
✓	5.	Ahsen et al., Clinical Chemistry 2001, 47:1956-1961 AND Ahsen Supplement				T ²
✓	6.	Blake & Delcourt (Nucl. Acids Res. 1998), 26:3323-3332				
✓	7.	Bloomfield et al., Nucleic Acids: Structure, Properties, and Functions (University Science Books, Sausalito California 2000): pages 307-308				
✓	8.	Bond et al., Biophysical Journal 1994, 67:825-836				
✓	9.	Breslauer et al., Proc. Natl. Acad. Sci. U.S.A. 1986, 83:3746-3750				
✓	10.	Caruthers et al., Methods Enzymol. 1992, 211:3-20				
✓	11.	Cooper, Curr. Opinion Chem. Biol., 1999, 3:557-563				
✓	12.	Corrigendum, Nucl. Acids Res. 1999, 27, No. 3				
✓	13.	Denhardt, Biochem. Biophys. Res. Commun. 1966, 23:641-646				
✓	14.	DeRisi et al., Science 1997, 278:680-686				
✓	15.	Doktycz et al., Biopolymers 1992, 278:680-686 32:841				
✓	16.	Frank-Kamenetskii, Biopolymers 1971, 10:2623-2624				
✓	17.	Henegarín et al., Biotechniques 1997, 23(3):504-11				
✓	18.	http://www.idtdna.com/program/techbulletins/calculating Molar Extinction Coefficient.asp				
✓	19.	Ivanov & Abou-Haidar, Analytical Biochemistry 1995, 232:249-251				
✓	20.	Kleppe et al., J. Mol. Biol. 1971, 56:341-361				
✓	21.	Lockhart et al., Nature Biotech. 1996, 14:1675				
✓	22.	Markouatos et al., J. Clin. Lab Anal. 2002, 16(1):47-51				
✓	23.	Meinkoth & Wahl, Anal. Biochem. 1984, 138:267-284				
✓	24.	Owczarzy et al., Biopolymers 1997, 44:217-239				
✓	25.	Owen et al., Biopolymers 1969, 7:503-516				

Examiner Signature	Date Considered
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Sheet	2	of	2	Attorney Docket Number	03988/100K297-US1

<input checked="" type="checkbox"/>	26.	Peyret N. (2000) Prediction of Nucleic Acid Hybridization: Parameters and Algorithm, Ph.D. Thesis, Wayne State University, Detroit, Michigan	
<input checked="" type="checkbox"/>	27.	Plum & Breslauer, Curr. Opinion struct. Biol. 1995, 5:682-690	
<input checked="" type="checkbox"/>	28.	Rouzina & Bloomfield, Biophysical Journal 1999, 77:3242-3251	
<input checked="" type="checkbox"/>	29.	Rychlik et al., Nucleic Acids Res. 1990, 18:6409-6412	
<input checked="" type="checkbox"/>	30.	Saiki et al., Science 1985, 230:1350-1354	
<input checked="" type="checkbox"/>	31.	SantaLucia et al., Biochemistry 1996, 35:3555-3562	
<input checked="" type="checkbox"/>	32.	SantaLucia, Proc. natl. Acad. Sci. U.S.A. 1998, 95:1460-1465	
<input checked="" type="checkbox"/>	33.	Schena et al., Science 1995, 270:467-470	
<input checked="" type="checkbox"/>	34.	Schildkraut et al., Biopolymers 1965, 3:195-208	
<input checked="" type="checkbox"/>	35.	Warshaw et al., J. Mol. Biol. 1966, 20:29-38	
<input checked="" type="checkbox"/>	36.	Wetmur, Critical Review in Biochemistry and Molecular Biology 1991, 26:227-259	

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